

?ds

Set	Items	Description
S1	2815	XML OR EXTENSIBLE()MARKUP OR EXTENSIBLE()MARK()UP
S2	188	S1 AND SCHEMA?
S3	23	S2 AND (VALIDAT? OR PARSE)
S4	8	S3 NOT PY>2000
S5	4	S2 AND VALIDITY
S6	3	S5 NOT S4

?show files

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Jan

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?t s4/5,k/1-8

4/5,K/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01724718 DOCUMENT TYPE: Product

PRODUCT NAME: DynaTag 4.0 (724718)

eBusiness Technologies (672963)
299 Promenade St
Providence, RI 02908 United States
TELEPHONE: (401) 752-4400

RECORD TYPE: Directory

CONTACT: Sales Department

DynaTag 4.0 (R) is a value-added conversion technology for Inso's end-to-end **XML** publishing solution. DynaTag is a Data Rescue Module for converting proprietary formats to **Extensible Markup Language (XML)**. DynaTag 4.0 is an easy-to-use module of the DynaText (R) Professional Publishing System. It adds value to proprietary word processing and desktop publishing formats by converting them to structured **XML** or Standard Generalized Markup Language (SGML) content. DynaTag 4.0 converts Microsoft Word, Adobe FrameMaker, and Interleaf files into **XML** or SGML. The product allows nonprogrammers to add value to proprietary formats by converting them to open, standards-based, structured content. DynaTag provides an intuitive graphical user interface (GUI) and batch conversion abilities. DynaTag 4.0 is the first new release of the product in over two years, and more easily marks up text with tags. DynaTag has always produced well-formed SGML in a tagged document that was valid against a DTD derived from the original instance. Therefore, the DynaTagged SGML had the proper set of start and end tags, but there was no way to enforce a predetermined structure. About 70 percent of Inso users use DynaTag to prepare their documents, which means that over 10 percent of annual SGML publishing has been done without the use of a predefined document **schema**. The new release moves closer to the idea of **schema validation**, and gives the user some control over the structure of the tagged document. The major enhancement, however, is a much better user interface that demonstrates a good understanding of how a user might want to add structure to text and that provides wizards to guide the user through the most common configurations of lists, tables, and project mappings.

DESCRIPTORS: Electronic Publishing; Publishing; File Conversion; Desktop Publishing Utilities; Internet Utilities; Standards

HARDWARE: IBM PC & Compatibles; Hardware Independent
OPERATING SYSTEM: Microsoft Word
PROGRAM LANGUAGES: XML; SGML
TYPE OF PRODUCT: Micro
POTENTIAL USERS: Publishing
PRICE: Available upon request; approximately \$15,000 - five-user license

REVISION DATE: 001011

...4.0 (R) is a value-added conversion technology for Inso's end-to-end **XML** publishing solution. DynaTag is a Data Rescue Module for converting proprietary formats to **Extensible Markup Language (XML)**. DynaTag 4.0 is an easy-to-use module of the DynaText (R) Professional Publishing...

...adds value to proprietary word processing and desktop publishing formats by converting them to structured **XML** or Standard Generalized Markup Language (SGML) content. DynaTag 4.0 converts Microsoft Word, Adobe FrameMaker, and Interleaf files into **XML** or SGML. The product allows nonprogrammers to add value to proprietary formats by converting them...

...percent of annual SGML publishing has been done without the use of a predefined document **schema** . The new release moves closer to the idea of **schema validation** , and gives the user some control over the structure of the tagged document. The major...

4/5,K/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01120669 DOCUMENT TYPE: Product

PRODUCT NAME: GoXML DB (120669)

XML Global Technologies Inc (721191
230 Park Ave #1552
New York, NY 10169 United States
TELEPHONE: (212) 681-4309

RECORD TYPE: Directory

CONTACT: Sales Department

XML Global Technologies' GoXML (TM) DB is a native **XML** database that allows organizations to store **XML** content in its original format. The system provides users with efficient storage and data retrieval features. It limits multiple conversions between **XML** and relational formats. It also offers **schema validation** and XQuery features. XQuery extensions enable users to insert, update, and delete options at document, element, and attribute levels. GoXML DB's Query Builder and Index Manager streamline query and index construction tasks. The system also includes full-text indexing and search features. The **XML** Spy e-Forms Browser Plug-in supports Web-based data entry. GoXML DB works with GoXML Transform's mapping and transformation tools. A free evaluation version of the product can be downloaded from the **XML** vendor's Web site.

DESCRIPTORS: Database Management; Database Publishing; Program Development

HARDWARE: IBM PC & Compatibles; Sun
OPERATING SYSTEM: Linux; Solaris; Windows NT/2000
PROGRAM LANGUAGES: XML
TYPE OF PRODUCT: Mini; Micro; Workstation
POTENTIAL USERS: Cross Industry
PRICE: Available upon request; Internet demo available

REVISION DATE: 021231

XML Global Technologies Inc...

XML Global Technologies' GoXML (TM) DB is a native **XML** database that allows organizations to store **XML** content in its original format. The system provides users with efficient storage and data retrieval features. It limits multiple conversions between **XML** and relational formats. It also offers **schema validation** and XQuery features. XQuery extensions enable users to insert, update, and delete options at document...

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...and transformation tools. A free evaluation version of the product can be downloaded from the **XML** vendor's Web site.

4/5,K/3

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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01076228 DOCUMENT TYPE: Product

PRODUCT NAME: Sun Multi- Schema XML Validator Schematron Preview 1
(076228)

Sun Microsystems Inc (385557)
4150 Network Cir
Santa Clara, CA 95054 United States
TELEPHONE: (650) 960-1300

RECORD TYPE: Directory

CONTACT: Sales Department

Sun Multi- Schema XML Validator Schematron Preview 1 from Sun Microsystems is an add-on to Sun Multi- Schema XML Validator . The add-on checks the validity of XML documents against RELAX NG schemas annotated with schematron schemas . Developers can then write even the most complex constraints. The software works with Xalan-Java and JAXP-compliant XML parsers.
DESCRIPTORS: Program Development; Integration Software; Debuggers;
Language Processors

HARDWARE: Sun; Hardware Independent
OPERATING SYSTEM: Java; Open Systems
PROGRAM LANGUAGES: Java; XML
TYPE OF PRODUCT: Micro; Workstation
POTENTIAL USERS: Developers
DATE OF RELEASE: 10/2001
PRICE: \$0

OTHER REQUIREMENTS: Java Development Kit 1.3+; Sun Multi-Schema Validator software required
REVISION DATE: 020327

PRODUCT NAME: Sun Multi- Schema XML Validator Schematron Preview 1
...

Sun Multi- Schema XML Validator Schematron Preview 1 from Sun Microsystems is an add-on to Sun Multi- Schema XML Validator . The add-on checks the validity of XML documents against RELAX NG schemas annotated with schematron schemas . Developers can then write even the most complex constraints. The software works with Xalan-Java and JAXP-compliant XML parsers.

4/5,K/4

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01016764 DOCUMENT TYPE: Product

PRODUCT NAME: Stilo XMLDeveloper 1.4 (016764)

Stilo Technology Ltd (665665)
Empire House Mount Stuart Sq
Cardiff, Wales, CF1 6DN United Kingdom
TELEPHONE: () 029-20483530

RECORD TYPE: Directory

CONTACT: Sales Department

Stilo Technology's Stilo XMLDeveloper 1.4 is a complete toolkit for creating, editing, and testing e-commerce applications. It validates XML

at all stages of testing, so programmers find errors early in development. Despite the fact that **XML** is an industry standard, building **XML schemas** and applications can still be time-consuming without the use of developers' tools such as Stilo XMLDeveloper. The system can build test messages, provide inline **validation** of elements, display **XML schema** along with **XML** messages, and generate compliant **XML** code. Its visualization tools can build graphics describing **XML schemas**, detect errors in even the most complex **schemas**, and display underlying levels and **schemas**. Developers can navigate through an application's message and **schema** structures, to rapidly and easily understand its structures. These visualization and testing tools enable e-commerce development teams to improve their productivity and implement rapid prototyping.

DESCRIPTORS: Program Development; Electronic Publishing; Software Testing; Debuggers; Code Generators; Rapid Prototyping; E-Commerce; Documentation Aids; Groupware

HARDWARE: IBM PC & Compatibles

OPERATING SYSTEM: Windows; Windows NT/2000; Solaris

PROGRAM LANGUAGES: XML

TYPE OF PRODUCT: Micro

POTENTIAL USERS: Cross Industry, Government, Integrators, Developers

DATE OF RELEASE: 02/2000

PRICE: Available upon request; includes 60 days support

NUMBER OF INSTALLATIONS: 150

TRAINING AVAILABLE: Training; technical support; support contracts available

OTHER REQUIREMENTS: 64MB RAM; 10MB disk space required

SERVICES AVAILABLE: Consulting

REVISION DATE: 020101

...1.4 is a complete toolkit for creating, editing, and testing e-commerce applications. It **validates XML** at all stages of testing, so programmers find errors early in development. Despite the fact that **XML** is an industry standard, building **XML schemas** and applications can still be time-consuming without the use of developers' tools such as Stilo XMLDeveloper. The system can build test messages, provide inline **validation** of elements, display **XML schema** along with **XML** messages, and generate compliant **XML** code. Its visualization tools can build graphics describing **XML schemas**, detect errors in even the most complex **schemas**, and display underlying levels and **schemas**. Developers can navigate through an application's message and **schema** structures, to rapidly and easily understand its structures. These visualization and testing tools enable e...

4/5,K/5

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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01011797 DOCUMENT TYPE: Product

PRODUCT NAME: XML Instance 1.0 (011797

Spotfire Inc (663174)

212 Elm St

Somerville, MA 02144 United States

TELEPHONE: (617) 702-1600

RECORD TYPE: Directory

CONTACT: Sales Department

XML Instance is a **schema**-driven **XML** business document editor. It is a platform for creating, editing, and managing data-oriented **XML** documents, messages, and configuration files. This is one of the first **schema**-driven

editors for multiple **XML schema** dialects. Users can edit and **validate XML** business documents that conform to a DTD (document type definition) or **XML schema** in any prominent **XML schema** dialect. Features of **XML Instance** include **schema** awareness; support for many **schema** dialects, such as **XML Schema** (XSDL, April 7); Customizable View--customize the display of internal and trading partner documents to meet the unique needs of business processes; and intuitive editing and navigation.

DESCRIPTORS: Electronic Publishing; Authoring Systems; Standards; Middleware; E-Commerce

HARDWARE: IBM PC & Compatibles; Apple Macintosh; UNIX

OPERATING SYSTEM: Windows NT/2000; MacOS; UNIX; Java

PROGRAM LANGUAGES: XML; Java

TYPE OF PRODUCT: Mini; Micro; Workstation

POTENTIAL USERS: Developers, Cross Industry, Intranet and Internet Developers

DATE OF RELEASE: 06/2000

PRICE: \$99.95; 10-user license - \$849.95; 50-user license - \$3,995; Internet demo available

NUMBER OF INSTALLATIONS: 3000

DOCUMENTATION AVAILABLE: Online documentation

TRAINING AVAILABLE: Training at additional cost; training; Internet support

OTHER REQUIREMENTS: Java run-time environment required

SERVICES AVAILABLE: Consulting; conversion

REVISION DATE: 000000

PRODUCT NAME: XML Instance 1.0...

XML Instance is a **schema**-driven **XML** business document editor. It is a platform for creating, editing, and managing data-oriented **XML** documents, messages, and configuration files. This is one of the first **schema**-driven editors for multiple **XML schema** dialects. Users can edit and **validate XML** business documents that conform to a DTD (document type definition) or **XML schema** in any prominent **XML schema** dialect. Features of **XML Instance** include **schema** awareness; support for many **schema** dialects, such as **XML Schema** (XSDL, April 7); Customizable View--customize the display of internal and trading partner documents to...

4/5,K/6

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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01011789 DOCUMENT TYPE: Product

PRODUCT NAME: XML Console 1.0 (011789

Extensibility Inc (667561)

200 W Franklin St #250

Chapel Hill, NC 27516 United States

TELEPHONE: (919) 969-6500

RECORD TYPE: Directory

CONTACT: Sales Department

XML Console is a comprehensive solution for the project management of a single or a batch of **XML** document file(s)-- **schema** files or **XML** business document files (i.e., instance documents). **XML Console** enables the centralized batch conversion, **validation**, and documentation of **schemas** and **XML** business documents within a workgroup. It gives users a configurable command center for the organization of and subsequent processing of **XML** document files. Organizations can now process a single or groups of **schemas** in all major and emerging **XML schema** dialects

including DTD, XDR, SOX v.2, BizTalk, and a subset of **XML Schema** (XSDL, April 7). **XML Console** provides exceptional control for the streamlined implementation of **XML** initiatives internally and with trading partners. Key features include project-level management, intuitive graphical interface, integration with **XML Authority** and **XML Instance**, **validation** and conversion, and **SchemaDOC**. **XML Console 1.0** provides unparalleled control for a department to implement and manage **schemas** and **XML**-based assets. The combination of **XML Console** with **XML Authority**, a solution for the creating, converting, and managing **schemas**, allows full-featured support for **schema** development and management throughout a workgroup. In addition, **XML Console** and **XML Authority** coupled with **XML Instance** and **XML schema.com** provide departments with resources for the development and deployment of the **XML** infrastructures required to empower today's e-business.

DESCRIPTORS: Electronic Publishing; Authoring Systems; Project Management; Standards; Middleware; Documentation Aids; File Conversion; E-Commerce

HARDWARE: IBM PC & Compatibles; Apple Macintosh; UNIX

OPERATING SYSTEM: Windows NT/2000; MacOS; UNIX; Java

PROGRAM LANGUAGES: XML; Java

TYPE OF PRODUCT: Mini; Micro; Workstation

POTENTIAL USERS: Developers, Cross Industry, Intranet and Internet Developers

DATE OF RELEASE: 06/2000

PRICE: \$99.95; 10-user license - \$849.95; 50-user license - \$3,995; Internet demo available

NUMBER OF INSTALLATIONS: 1000

DOCUMENTATION AVAILABLE: Online documentation

TRAINING AVAILABLE: Training at additional cost; training; Internet support

OTHER REQUIREMENTS: Java run-time environment required

SERVICES AVAILABLE: Consulting; conversion

REVISION DATE: 000000

PRODUCT NAME: XML Console 1.0...

XML Console is a comprehensive solution for the project management of a single or a batch of **XML** document file(s)-- **schema** files or **XML** business document files (i.e., instance documents). **XML Console** enables the centralized batch conversion, **validation**, and documentation of **schemas** and **XML** business documents within a workgroup. It gives users a configurable command center for the organization of and subsequent processing of **XML** document files. Organizations can now process a single or groups of **schemas** in all major and emerging **XML schema** dialects including DTD, XDR, SOX v.2, BizTalk, and a subset of **XML Schema** (XSDL, April 7). **XML Console** provides exceptional control for the streamlined implementation of **XML** initiatives internally and with trading partners. Key features include project-level management, intuitive graphical interface, integration with **XML Authority** and **XML Instance**, **validation** and conversion, and **SchemaDOC**. **XML Console 1.0** provides unparalleled control for a department to implement and manage **schemas** and **XML**-based assets. The combination of **XML Console** with **XML Authority**, a solution for the creating, converting, and managing **schemas**, allows full-featured support for **schema** development and management throughout a workgroup. In addition, **XML Console** and **XML Authority** coupled with **XML Instance** and **XML schema.com** provide departments with resources for the development and deployment of the **XML** infrastructures required to empower today's e-business.

4/5,K/7

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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01011771

DOCUMENT TYPE: Product

PRODUCT NAME: Turbo XML 1.0 (011771

Extensibility Inc (667561)
200 W Franklin St #250
Chapel Hill, NC 27516 United States
TELEPHONE: (919) 969-6500

RECORD TYPE: Directory

CONTACT: Sales Department

Turbo XML 1.0 is a suite of solutions for the design, implementation, processing, and management of XML initiatives. Turbo XML's suite includes XML Authority, XML Instance, and XML Console. XML Authority 1.2 is a powerful tool for developing e-business grammars and XML schemas. XML Authority supports all major and emerging schema standards to provide adaptive qualities for XML deployment with trading partners. It helps convert existing application and document structures to schemas, defining the basis for well-formed XML documents and enabling valid XML. XML Authority uses an intuitive, graphical design environment. XML Instance 1.0 is a schema-driven XML business document editor and a platform for creating, editing, and managing data-oriented XML documents, messages, and configuration files. This is one of the first schema-driven editors for multiple XML schema dialects. Users can edit and validate XML business documents that conform to a DTD (document type definition) or XML schema in any prominent XML schema dialect. XML Console 1.0 is a comprehensive solution for the project management of a single or batch of XML document files-- schema files or XML business documents (i.e., instance documents). XML Console enables the centralized batch conversion, validation, and documentation management of schemas and XML documents within a workgroup.

DESCRIPTORS: Electronic Publishing; Program Development; E-Commerce;
Intranets; Extranets; Middleware; Standards; Authoring Systems;
Documentation Aids

HARDWARE: IBM PC & Compatibles; Apple Macintosh; UNIX

OPERATING SYSTEM: Windows NT/2000; UNIX; MacOS; Java

PROGRAM LANGUAGES: XML; Java

TYPE OF PRODUCT: Mini; Micro; Workstation

POTENTIAL USERS: Developers, Cross Industry, Intranet and Internet
Developers

DATE OF RELEASE: 06/2000

PRICE: \$269.95; 10-user license - \$2,399.95; 50-user license - \$11,499;
Internet demo available

NUMBER OF INSTALLATIONS: 5000

DOCUMENTATION AVAILABLE: Online documentation

TRAINING AVAILABLE: Training; Internet support

OTHER REQUIREMENTS: Java run-time environment required

SERVICES AVAILABLE: Consulting; conversion

REVISION DATE: 020101

PRODUCT NAME: Turbo XML 1.0...

Turbo XML 1.0 is a suite of solutions for the design, implementation, processing, and management of XML initiatives. Turbo XML's suite includes XML Authority, XML Instance, and XML Console. XML Authority 1.2 is a powerful tool for developing e-business grammars and XML schemas. XML Authority supports all major and emerging schema standards to provide adaptive qualities for XML deployment with trading partners. It helps convert existing application and document structures to schemas, defining the basis for well-formed XML documents and enabling valid XML. XML Authority uses an intuitive, graphical design environment. XML Instance 1.0 is a schema-driven XML business

document editor and a platform for creating, editing, and managing data-oriented **XML** documents, messages, and configuration files. This is one of the first **schema**-driven editors for multiple **XML** **schema** dialects. Users can edit and **validate** **XML** business documents that conform to a DTD (document type definition) or **XML** **schema** in any prominent **XML** **schema** dialect. **XML** Console 1.0 is a comprehensive solution for the project management of a single or batch of **XML** document files-- **schema** files or **XML** business documents (i.e., instance documents). **XML** Console enables the centralized batch conversion, **validation**, and documentation management of **schemas** and **XML** documents within a workgroup.

4/5,K/8

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00120443 DOCUMENT TYPE: Review

PRODUCT NAMES: XML (837709

TITLE: XML Stumbling Blocks
AUTHOR: Lattig, Michael
SOURCE: InfoWorld, v21 n47 p34(2) Nov 22, 1999
ISSN: 0199-6649
HOMEPAGE: <http://www.infoworld.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

XML is a tagging language that lets data be exchanged among different systems and enterprises, so its potential is significant. Both Microsoft and Oracle are pursuing it to refine it on their own terms. **XML** was designed to define data, which means data needs to be formatted to enable communications. Microsoft created BizTalk, a framework for developing **XML** **schemas** that are an integral part of any **XML** implementation. Oracle, has been partnering with Ford Motor to develop the standard for Ford and its affiliates. Each is taking a lead in developing widespread use of **XML**. Although **XML** standardizes data exchange, it is not a plug-and-play tool, for it requires the same format at both ends of a communications channel, otherwise, **validation** is required. Critics have charged that Oracle and similar entities should help develop useful formats for specific industries, instead selectively working with one firm such as Ford. IBM's chief **XML** and Java 'evangelist,' Simon Phipps, says **XML** 's 'greatest asset' is not so much its extensibility, but lies in its openness for transformation. 'Different flavors of **XML** ' should emerge, not just one.

COMPANY NAME: Vendor Independent (999999)
DESCRIPTORS: Document Management; Electronic Publishing; Standards; **XML**
REVISION DATE: 20000130

PRODUCT NAMES: XML (

TITLE: XML Stumbling Blocks

XML is a tagging language that lets data be exchanged among different systems and enterprises, so...

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DESCRIPTORS: Document Management; Electronic Publishing; Standards; **XML**
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6/5,K/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00131813 DOCUMENT TYPE: Review

PRODUCT NAMES: XML (837709); XML Schema (844411)

TITLE: XMLegant Answers: The Schema Is the Thing
AUTHOR: Trippe, Bill
SOURCE: TRANSFORM Magazine, v10 n6 p31(2) Jun 2001
ISSN: 1534-2832
HOMEPAGE: <http://www.transformmag.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

eXtensible Markup Language (XML) schemas in time will replace document type definitions (DTDs) and will give programmers new powers that are important in new enterprise infrastructure. DTDs and **XML** data structures both provide a way to declare syntax and a method of data typing. The **XML schema** proposal that is now being evaluated at the proposed recommendation stage by the World Wide Web Consortium (W3C) adds some new and important abilities that give programmers many data-typing features used with programming for databases. **Schemas** provide developers with more powerful tools for determining the **validity** of an **XML** document or dataset. Creative developers can build tools for everyday needs, such as editing data securely, loading data into different databases, or mapping **XML** data to another, associated **schema**. **XML** 's future is in how data flows between systems, while **schemas** and mapping methods will be the enabling tools. Developers already have several tools available, including Whitehill's Composer, and XSLT (eXtensible Stylesheet Language Transformations) for creating basic and elaborate scripts. Internet-ready enterprises center around flow of data between system, so **XML** and **XML schemas** are the cornerstones of the new enterprise. Several companies are trying to make **schema** structure more compatible with applications and databases, including TIBCO, the developer of the **Schema** Adjunct Framework structure.

COMPANY NAME: Vendor Independent (999999)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Communications Standards; Electronic Publishing; **XML**
REVISION DATE: 20010930

PRODUCT NAMES: XML (...
...837709); XML Schema (

TITLE: XMLegant Answers: The Schema Is the Thing

eXtensible Markup Language (XML) schemas in time will replace document type definitions (DTDs) and will give programmers new powers that are important in new enterprise infrastructure. DTDs and **XML** data structures both provide a way to declare syntax and a method of data typing. The **XML schema** proposal that is now being evaluated at the proposed recommendation stage by the World Wide...

...and important abilities that give programmers many data-typing features used with programming for databases. **Schemas** provide developers with more powerful tools for determining the **validity** of an **XML** document or dataset. Creative developers can build tools for everyday needs, such as editing data securely, loading data into different databases, or mapping **XML** data to another, associated **schema**. **XML** 's future is in how data flows between systems, while **schemas** and mapping methods will be the enabling tools. Developers already have several tools available, including

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DESCRIPTORS: Communications Standards; Electronic Publishing; **XML**

6/5,K/2

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00126952 DOCUMENT TYPE: Review

PRODUCT NAMES: **XML** (837709); Microsoft BizTalk (741281)

TITLE: **XML Schemas Let Diverse Apps More Easily Share Data**
AUTHOR: Kiely, Don
SOURCE: Information Week, v808 p142(2) Oct 16, 2000
ISSN: 8750-6874
HOMEPAGE: <http://www.informationweek.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Microsoft BizTalk's core service is based on **eXtensible Markup Language** (**XML**) used with document-type definitions (DTDs) and **XML Schemas** to provide a tagging method for description of data structures and rules that govern the ways in which data can be used. The method allows different applications running on mixed platforms, which can even be in different companies, to more easily share and exchange data. **XML Schemas** are especially important for linking different systems because they provide rules that allow precise data transformation between different applications and systems. BizTalk acts as a repository for **XML schema** definitions that are akin to DTDs, which are optional for **XML** data, but permit data to be checked for **validity** . Therefore, data's structure is fully compatible with rules defined in the DTD. Many industry groups have created coalitions to define industry-specific DTDs that will ensure easier data exchange. One such group is Open Philanthropy Exchange, which developed the OPX specification for data transfer and permits charitable organizations to communicate data in a universal language. Among topics covered are the need to publicize an industry-specific DTD and to make the DTD easy to share, the roles of repositories, and Oasis, a BizTalk rival, which accepts submissions for **XML** specifications, **schemas** , and vocabularies.

COMPANY NAME: Vendor Independent (999999); Microsoft Corp (112127)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Integration Software; Middleware; **XML**
REVISION DATE: 20010228

PRODUCT NAMES: **XML** (

TITLE: **XML Schemas Let Diverse Apps More Easily Share Data**
Microsoft BizTalk's core service is based on **eXtensible Markup Language** (**XML**) used with document-type definitions (DTDs) and **XML Schemas** to provide a tagging method for description of data structures and rules that govern the...

...platforms, which can even be in different companies, to more easily share and exchange data. **XML Schemas** are especially important for linking different systems because they provide rules that allow precise data transformation between different applications and systems. BizTalk acts as a repository for **XML schema** definitions that are akin to DTDs, which

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...to share, the roles of repositories, and Oasis, a BizTalk rival, which accepts submissions for **XML** specifications, **schemas** , and vocabularies.

DESCRIPTORS: Integration Software; Middleware; **XML**

6/5,K/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

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00119881 DOCUMENT TYPE: Review

PRODUCT NAMES: **eXcelon 2.0** (730076)

TITLE: **eXcelon Leverages Legacy Data with XML**

AUTHOR: Borck, James R

SOURCE: InfoWorld, v21 n45 p58(2) Nov 8, 1999

ISSN: 0199-6649

HOME PAGE: <http://www.infoworld.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

eXcelon 2.0 from Object Design Incorporated combines an **XML** data server with integrated caching technology that provides a scalable middleware solution to improve data availability to enterprise applications and Web servers regardless of format. **eXcelon** is an object-oriented database management system that assures high availability of data resources, and by parsing and storing data as **XML** , there is a hierarchy of persistent, discrete objects in its repository, the **XML** Store, which can be indexed and queried using **XML** . Because of its cache-forwarding architecture, **eXcelon** has improved server performance and ensures the integrity of data across multiple applications and the caches can be distributed across multiple machines to improve load balancing. The XQL Query Wizard allows an easy way to generate queries of the **XML** Store, but **eXcelon** requires all **validity** checking to be handled externally because it has not evolved beyond rudimentary parsing of documents in **XML** . **eXcelon 2.0** also includes Studio, a development environment for defining **XML schemas** .

PRICE: \$995

COMPANY NAME: Progress Co (436461)

SPECIAL FEATURE: Screen Layouts

DESCRIPTORS: Fault Tolerance; Middleware; Network Servers; Program Development; System Performance; Web Servers; **XML**

REVISION DATE: 20030130

TITLE: **eXcelon Leverages Legacy Data with XML**

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